

ABSTRACT OF THE DISCLOSURE

Methods and systems consistent with the present invention provide an integrated process modeling and project planning tool that allows an enterprise affiliate to improve resource allocation to a given plan created from a workflow that models a process. To improve resource allocation, the tool generates a plan to perform an instance of the process. The generated plan has tasks performed by resources. Each resource has capabilities that are considered when generating the plan to ensure that, for each task, a suitable one of the resources is selected to perform each task. After generating the plan, the tool receives modification information indicating that the capabilities of one of the resources has changed, and assigns the resources to the tasks to generate a new plan by using the received modification information.